Adaptive neuro-fuzzy inference system for evaluating dysarthric automatic speech recognition (ASR) systems: a case study on MVML-based ASR

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Abstract
Due to the improvements of dysarthric automatic speech recognition (ASR) during the last few decades, the demand for assessment and evaluation of such technologies increased significantly. Evaluation methods of ASRs are now required to consider multiple qualitative and quantitative metrics. In this study, the exploratory factor analysis is conducted to identify the evaluation metrics...